

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	894	difference WITH kernel	US-PGPUB; USPAT	OR	ON	2007/06/21 09:04
L3	0	difference WITH kernel WITH local WITH contribution	US-PGPUB; USPAT	OR	ON	2007/06/21 09:05
L4	40	difference WITH kernel WITH difference WITH weight	US-PGPUB; USPAT	OR	ON	2007/06/21 09:05
L5	5	difference WITH kernel WITH difference WITH weight WITH pixel	US-PGPUB; USPAT	OR	ON	2007/06/21 09:06
L6	1	difference WITH kernel WITH difference WITH weight WITH pixel SAME summ\$3	US-PGPUB; USPAT	OR	ON	2007/06/21 09:06
L7	5	difference WITH kernel WITH difference WITH weight WITH pixel AND summ\$3	US-PGPUB; USPAT	OR	ON	2007/06/21 09:06
L11	1	("6728416").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:49
L12	1	("20050025378").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:49
L13	1	("5615243").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:50
L14	1	("6556696").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:50
L15	1	("6791540").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:50
L16	1	("6791540").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:51
L17	1	("5541658").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:51
L18	1	("6704049").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:52
L19	1	("6457032").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:52
L20	1	(US-6457032-\$).did.	USPAT	OR	ON	2007/06/21 10:52
L21	1	("6457032").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:52
L22	1	("6791540").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 10:52
S1	151	(382/279).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:49
S2	355	(382/205).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:49

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S3	155	(382/219).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:49
S4	95	(382/220).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:49
S5	984	(382/260).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:55
S6	1539	filter\$3 WITH image WITH plurality WITH pixel\$	US-PGPUB; USPAT	OR	ON	2007/06/19 15:56
S7	21	(filter\$3 WITH image WITH plurality WITH pixel\$) SAME (filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/19 15:58
S8	1	(filter\$3 WITH image WITH plurality WITH pixel\$) SAME (filter WITH kernel) SAME (filter\$3 WITH weight)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:01
S9	27	(filter\$3 WITH image WITH plurality WITH pixel\$) AND (filter WITH kernel) AND (filter\$3 WITH weight)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:02
S10	4	(filter\$3 WITH image WITH plurality WITH pixel\$) AND (filter WITH kernel) AND (filter\$3 WITH weight) AND (difference WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:30
S11	2	(filter\$3 WITH image WITH plurality WITH pixel\$) AND (first WITH kernel ) SAME (second WITH kernel) AND (difference WITH first WITH kernel WITH second WITH kernel )	US-PGPUB; USPAT	OR	ON	2007/06/19 16:21
S12	892	difference WITH kernel	US-PGPUB; USPAT	OR	ON	2007/06/19 16:21
S13	29	difference ADJ1 kernel	US-PGPUB; USPAT	OR	ON	2007/06/19 16:28
S14	0	(difference ADJ1 kernel) AND (filter\$3 WITH image WITH plurality WITH pixel\$)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:22
S15	9	(difference ADJ1 kernel) AND (filter\$3 WITH image )	US-PGPUB; USPAT	OR	ON	2007/06/19 16:22
S16	4	(difference ADJ1 kernel) AND (filter\$3 WITH image ) AND (plurality WITH pixel\$)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:25
S17	4	(difference ADJ1 kernel) AND (filter\$3 WITH image WITH pixel\$)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:25
S18	1	difference ADJ1 kernel WITH filter	US-PGPUB; USPAT	OR	ON	2007/06/19 16:28
S19	1	(filter WITH kernel) AND (filter\$3 WITH weight) AND (difference ADJ1 kernel)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:30

## EAST Search History

S20	10	(filter ADJ1 kernel) SAME (image WITH plurality WITH pixel\$ )	US-PGPUB; USPAT	OR	ON	2007/06/19 16:46
S21	3	(filter ADJ1 kernel) SAME (image WITH plurality WITH pixel\$ ) AND weight	US-PGPUB; USPAT	OR	ON	2007/06/19 16:57
S22	1	(filter ADJ1 kernel) SAME (image WITH plurality WITH pixel\$ ) AND (filter\$3 WITH weight)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:49
S23	1	("7123277").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/19 16:49
S24	1	(filter ADJ1 kernel) AND (image WITH plurality WITH pixel\$ WITH weight)	US-PGPUB; USPAT	OR	ON	2007/06/19 16:57
S25	17	(filter ADJ1 kernel) SAME (image WITH pixel\$ WITH weight\$)	US-PGPUB; USPAT	OR	ON	2007/06/19 17:06
S26	10	filter WITH kernel WITH determin\$3 WITH filtered WITH value WITH pixel	US-PGPUB; USPAT	OR	ON	2007/06/20 08:55
S27	0	(filter WITH kernel WITH determin\$3 WITH filtered WITH value WITH pixel) AND (filter\$3 WITH weight WITH pixel WITH neighborhood WITH filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 08:53
S28	1	(filter WITH kernel WITH determin\$3 WITH filtered WITH value WITH pixel) AND (filter\$3 WITH weight WITH pixel )	US-PGPUB; USPAT	OR	ON	2007/06/20 08:53
S29	0	filter WITH kernel WITH determin\$3 WITH filtered WITH value WITH pixel WITH weight	US-PGPUB; USPAT	OR	ON	2007/06/20 08:56
S30	28	defin\$3 WITH difference WITH kernel	US-PGPUB; USPAT	OR	ON	2007/06/20 09:03
S31	3	(defin\$3 WITH difference WITH kernel ) SAME (first WITH kernel WITH second WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 09:08
S32	0	(defin\$3 WITH difference WITH kernel ) SAME (first WITH kernel WITH second WITH kernel) AND (difference WITH weight\$)	US-PGPUB; USPAT	OR	ON	2007/06/20 09:05
S33	3	(defin\$3 WITH difference WITH kernel ) SAME (first WITH kernel WITH second WITH kernel) AND weight\$	US-PGPUB; USPAT	OR	ON	2007/06/20 09:05
S34	0	(defin\$3 WITH difference ADJ1 kernel ) SAME (first WITH kernel WITH second WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 09:08

## EAST Search History

S35	0	(defin\$3 WITH difference ADJ1 kernel )	US-PGPUB; USPAT	OR	ON	2007/06/20 09:08
S36	29	difference ADJ1 kernel	US-PGPUB; USPAT	OR	ON	2007/06/20 09:09
S37	4	( difference ADJ1 kernel ) SAME (first WITH kernel WITH second WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 09:10
S38	0	( difference ADJ1 kernel ) SAME ((first ADJ1 kernel) WITH (second ADJ1 kernel))	US-PGPUB; USPAT	OR	ON	2007/06/20 09:10
S39	3	( difference ADJ1 kernel ) SAME (first WITH kernel WITH second WITH kernel) AND weight\$	US-PGPUB; USPAT	OR	ON	2007/06/20 09:10
S40	0	((convex OR concave) WITH shape\$) SAME (filter WITH kernel SAME weight)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:16
S41	9	weight WITH region WITH (concave OR convex) WITH shape	US-PGPUB; USPAT	OR	ON	2007/06/20 11:18
S42	0	(weight WITH region WITH (concave OR convex) WITH shape) AND (filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:18
S43	0	weight WITH region WITH (concave OR convex) WITH shape AND image AND pixel\$	US-PGPUB; USPAT	OR	ON	2007/06/20 11:18
S44	0	region\$ WITH convex WITH shape WITH filter WITH kernel	US-PGPUB; USPAT	OR	ON	2007/06/20 11:23
S45	2	(region\$ WITH convex WITH shape) AND ( filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:41
S46	160	(region\$ WITH (circular OR elliptical)) AND ( filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:42
S47	23	(region\$ WITH ( elliptical)) AND ( filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:43
S48	4	(region\$ WITH ( elliptical)) SAME ( filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 11:42
S49	0	filter WITH kernel AND pixel\$ WITH (equal OR similar ) WITH value WITH focal WITH distance	US-PGPUB; USPAT	OR	ON	2007/06/20 12:23
S50	0	(filter WITH kernel) AND pixel\$ WITH (equal OR similar ) WITH value WITH focal WITH distance	US-PGPUB; USPAT	OR	ON	2007/06/20 12:23
S51	1	(filter WITH kernel) WITH focal WITH distance	US-PGPUB; USPAT	OR	ON	2007/06/20 12:23
S52	37991	focal WITH distance	US-PGPUB; USPAT	OR	ON	2007/06/20 13:13
S53	229	(focal WITH distance) SAME (depth WITH value)	US-PGPUB; USPAT	OR	ON	2007/06/20 13:14

## EAST Search History

S54	107	(focal WITH distance) SAME (depth WITH value) AND pixel\$	US-PGPUB; USPAT	OR	ON	2007/06/20 13:14
S55	106	(focal WITH distance) SAME (depth WITH value) AND pixel\$ AND image	US-PGPUB; USPAT	OR	ON	2007/06/20 13:15
S56	4	(focal WITH distance) SAME (depth WITH value) AND pixel\$ AND image AND (equal WITH value WITH focal WITH distance)	US-PGPUB; USPAT	OR	ON	2007/06/20 13:15
S57	0	(kernel WITH filter) SAME (pixel\$ WITH arranged WITH single WITH direction WITH image)	US-PGPUB; USPAT	OR	ON	2007/06/20 15:51
S58	116	(pixel\$ WITH arranged WITH single WITH direction WITH image)	US-PGPUB; USPAT	OR	ON	2007/06/20 15:54
S59	0	(pixel\$ WITH arranged WITH single WITH direction WITH image) AND kernel	US-PGPUB; USPAT	OR	ON	2007/06/20 15:51
S60	569	pixel\$ WITH arranged WITH rectangular WITH array	US-PGPUB; USPAT	OR	ON	2007/06/20 15:55
S61	250	( pixel\$ WITH arranged WITH rectangular WITH array) SAME (pixel\$ WITH row WITH column )	US-PGPUB; USPAT	OR	ON	2007/06/20 15:56
S62	235	( pixel\$ WITH arranged WITH rectangular WITH array) WITH (pixel\$ WITH row WITH column )	US-PGPUB; USPAT	OR	ON	2007/06/20 15:56
S63	1	( pixel\$ WITH arranged WITH rectangular WITH array) WITH (pixel\$ WITH row WITH column ) AND (filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 16:11
S64	1	( pixel\$ WITH arranged WITH rectangular WITH array) SAME (pixel\$ WITH row WITH column ) AND (filter WITH kernel)	US-PGPUB; USPAT	OR	ON	2007/06/20 16:10
S65	235	( pixel\$ WITH arranged WITH rectangular WITH array) WITH (pixel\$ WITH row WITH column )	US-PGPUB; USPAT	OR	ON	2007/06/20 16:11
S66	5	( pixel\$ WITH arranged WITH rectangular WITH array) WITH (pixel\$ WITH row WITH column ) SAME filter\$3	US-PGPUB; USPAT	OR	ON	2007/06/20 16:11
S67	33	blur WITH filter WITH kernel	US-PGPUB; USPAT	OR	ON	2007/06/20 17:35
S68	0	blur WITH filter WITH kernel WITH blurred WITH value\$ WITH pixel\$	US-PGPUB; USPAT	OR	ON	2007/06/20 17:35
S69	0	(blur WITH filter WITH kernel) SAME ( blurred WITH value\$ WITH pixel\$)	US-PGPUB; USPAT	OR	ON	2007/06/20 17:36

## EAST Search History

S70	0	(blur WITH filter WITH kernel) AND ( blurred WITH value\$ WITH pixel\$)	US-PGPUB; USPAT	OR	ON	2007/06/20 17:36
S71	3	(blur WITH filter WITH kernel) AND ( blurred WITH value WITH pixel)	US-PGPUB; USPAT	OR	ON	2007/06/20 17:36